To the Assistant Commissioner for Patents

RECORDATION FORM COVER SHEET

11-15-2000

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Express Mail No. EL046617752US IBM Docket No. BUR9-2000-0061-US1 (02016-00107)

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nts or copy thereof.

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Kurt A. CARLSEN	Name: International Business Machines Corporation
Additional names of conveyed party(ies) attached? Yes	Street Address: New Orchard Road City: Armonk State: New York Zip: 10504 Additional name(s) & address(es) attached? Per No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is 10/0/00. A. Patent Application No(s). B. Patent No(s). Serial No. Additional numbers attached? □ Yes ☒ No	
 5. Name and address of party to whom correspondence concerning document should be mailed: Lawrence H. Meier Downs Rachlin & Martin PLLC 199 Main Street P.O. Box 190 Burlington, Vermont 05402-0190 (802) 863-2375 6. Total number of applications and patents involved: One 	7. Total fee (37 CFR 3.41): \$ 40.00 □ Enclosed ⊠ Authorized to be charged to deposit account ⊠ Authorized to charge any deficiencies in the enclosed fees to deposit account 8. Deposit account number: 09-0456 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. James M. Leas Registration #32,372 (302) 769-9824 Total number of pages, including cover sheet: 2 BTV\Assign	
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> **PATENT REEL: 011228 FRAME: 0054**

Express Mail No. <u>EL046617752US</u> IBM Docket No. BUR9-2000-0061-US1 (02016-00107)

ASSIGNMENT

Whereas, I,

Residing in:

Kurt A. CARLSEN

City/Town: Burlington

State: Vermont

have invented certain improvements in

SYSTEM AND METHOD FOR ABATING THE SIMULTANEOUS FLOW OF SILANE AND ARSINE

and have executed, a United States patent application therefor on _Oef. 6, 2000 , 2000.

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Executed at $\frac{15\text{Sex}}{2000}$ (city/town), $\frac{\text{VERMONT}}{\text{Coben}}$ (state), this 6^{th}

Kurt A. Carlsen

Page 1 of 1

P201 - 10/98

RECORDED: 10/10/2000

PATENT REEL: 011228 FRAME: 0055